

## **SECTION - A**

# FIELD COC RECORDS AND RECEIVING DOCUMENTATION

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\$ 5560 Corporate Exchange Court SE Grand Rapids, MI 49512
Phone (616) 975-4500 Fax (616) 942-7463

Chain of Custody Record COC NO.

332825

•		Sampiers signature	Brium Salera	Sampled E										A	Schedule			Lisa Harvey	Receipt Log No. 43.10	620 x 5242		For L
1	ラスガロ/ チンス	Signature	200	Sy (print)							8	€	8	8	Code	Matrix	5	rvey	J. G.	カ <sup>C</sup> ray <b>グ</b> 1	1	For Lab Use Only
/ //	<u>დ</u> 	S Non	5											010	Number	Sample	<u>る</u>		3.10	248		Only
2	こくス	J.S.	2 PM	-	70	. ο	8	7 .	o .	OT	4	ω	20	)			Email: K	City, State Zip Chicago, IL 6	Address 205 W. V	Client Name TechLaw Inc.		l
		)				KAF	KAF	KAF	スタ	スタ	KAF	KAFB	KAFB	KAFB			Email: kwhitlock@techlawinc.com	Chicago, IL 60606	Address 205 W. Wacker Drive, Suite 1622	ame / Inc.		
. neceived by	Dm.	Fracking No.	How Shipped?			1	3	12	3	١	18		1	1	Field S		techlawin	AF 9000.	ive, Suite			Phone (
	M. D	0.0	ed?			KAFB - 003	KAFB-003 H	KAFB - 003 6	KAFB - 003 F	KAFB - 003 E	KAFB - 003 D	- 003 C	-003 B	003 A	Field Sample ID		Email: kwhitlock@techlawinc.com	27 701 E	1622			Phone (616) 975-4500
	1	•	Hand			M	F	7	rig.	W	Ø	0	B	<b>P</b>		'	165	8			200000	5-4500 w trimat
	\		Carrier																		i Naco.	Fax (6
Dare	4-4-12	7	ier <	-											Cooler ID							Fax (616) 942-7463
Ime		1		1		n id	grand (* *)							4		寸	Kim Whitlock	Invoice To	Client Project No. / P.O. No.	Project Name KNM		-7463
	8					4	,							4-4-12	Date	Sample	ock To	1	ject No. / I	ıme		
2. Received By	c. Helinquisned by			Comments: 4MD		13:3/	13:15	13:26	13:28	13:23	b :20	73:0%	13:04	J3:01	Time	Sample		<ul><li>Client</li><li>Other</li></ul>	P.O. No.			
	ву						,								υ <u>Σ</u> (0			Client Other (comments)				
				Std 10-BD: 15-DVP		٤	<b>.</b> T	र	٤	٤	\$	\$	8	<b>8</b>	Matrix		51-					
Date	Date			15-DVP									Ø	,,	<b> </b> -	0 1 9	Difference V	DB-80 OC, T		<del>7</del> 0	A D	_
Time			·	-								ىو			Number	y 6	3	<del>VOC</del> lk-BC/			A ,	Analyses Requested
															Number of Containers Submitted	3 4 6	A A	mm., 1			0	ses l
3. Received For Lab B	3. Relinquished By			-											ainers S	D 6	To	otal Ca,	Mg,K,N	la,Pb	ᢍ .	નુ નુ
For Lab	shed By			-			ىر								ubmitte	2 10 10 10 10 10 10 10 10 10 10 10 10 10	SI	ulfide 	30		T D	este
)	>													***	I — I—	Q 19 15 LIST	D	issolve	ed Fe,	Mn	σ	<u>α</u>
€ 4.5.12   4.5.12	Date					Witness Trans	<i>ب</i> ر	-	,		~	نر	Ŋ	رر	Total	81)	≟				<u></u>	Pg.
	, 6 <del>6</del>														Samp		ະດ ເຂ	FI M Zn Va	D C 1 ∑	<b>™ &gt;</b>	Û FR	<u></u>
<u> </u>	Time														Sample Comments	Other (note below)	MeOH	NaOH pH>12 ZnAc/NaOH pH>9	H <sub>2</sub> SO <sub>4</sub> pH<2	NONE pH~7 NONE pH<2	PRESERVATIVES	<u> </u>
~ I															rents	pelow)	2	•12 1 рН>9	± 20 20 00	2 <b>2</b> 1	TIVES	

## SAMPLE RECEIVING / LOG-IN CHECKLIST

	X Client Tech Caw	Work C	Order #: 1204091						
TRIMATRI LABORATORI	Receipt Record Page/Line # 43.1	D :	#s ( ) )						
Recorded by (initials/date)	Cooler Qty Receive								
WC 4.5.12	Box	Thermometer Used Digital Thermome	eter (#54) See Additional Cooler Information Form						
	Cooler # Time	Other (#	Cooler # Time						
1m 2893 1035	Cooler #	Cooler #	Goolei #						
Custody Seals:	Custody Seals:	Custody Seals:	Custody Seals:						
None	None	□ None	None  None						
Present / Intact Present / Not Intact	Present / Intact Present / Not Intact	☐ Present / Intact ☐ Present / Not Intact	Present / Intact Present / Not Intact						
Coolant Location:	Coolant Location:	Coolant Location:	Coolant Location:						
Dispersed / Top / Middle / Bottom									
Coolant/Temperature Taken Via:	Coolant/Temperature Taken Via:	Coolant/Temperature Taken Via:	Coolant/Temperature Taken Via:						
Loose Ice / Avg 2-3 containers									
Bagged Ice / Avg 2-3 containers  Blue Ice / Avg 2-3 containers	Bagged Ice / Avg 2-3 containers  Blue Ice / Avg 2-3 containers	Bagged Ice / Avg 2-3 containers  Blue Ice / Avg 2-3 containers	☐ Bagged Ice / Avg 2-3 containers ☐ Blue Ice / Avg 2-3 containers						
None / Avg 2-3 containers									
Alternate Temperature Taken Via:									
Temperature Blank (TB)	☐ Temperature Blank (TB)	☐ Temperature Blank (TB)	Temperature Blank (TB)						
1 Container  Correction	1 Container  Correction	1 Container  Recorded °C Correction Actual °C	1 Container  Recorded °C Correction Actual °C						
Recorded °C Factor °C Actual °C  Temp Blank: - 3.9	Recorded °C Factor °C Actual °C  Temp Blank:	Factor °C  Temp Blank:	Factor °C Actual C						
TB location: Representative Not Representative	TB location: Representative / Not Representative	TB location: Representative / Not Representative	TB location: Representative / Not Representative						
144 - 44	1	1	1						
2 4.1 ~ 4.1 3 4.8 ~ 4.8	3	3	2						
Average °C	Average °C	Average °C	Average °C						
□ Cooler ID on COC? 4.4	Cooler ID on COC?	Cooler ID on COC?	Cooler ID on COC?						
O VOC Trip Blank received?	O VOC Trip Blank received?	□ VOC Trip Blank received?	VOC Trip Blank received?						
If <u>any</u> shaded a	reas checked, complete Sample I	Receiving Non-Conformance and/o	r Inventory Form						
Paperwork Received		Check Sample Preservation  N/A Yes No							
Yes No Chain of Custody record(s)?	If No, Initiated By		temperature ≤6° C?						
Received for Lab Signed/Da		□ Was thermal pre	servation required?						
☐ Shipping document?		If "No", Project Chemist Approval Intials:							
COC Information		Completed Sample Preservation Verification Form?							
TriMatrix COC Other		Samples chemically preserved correctly?							
COC ID Numbers:		If "No", added orange tag?							
		☐ ☐ Received pre-pre ☐ MeOH	_						
Check COC for Accuracy		Check for Short Hold-Time Prep/A	□ Na <sub>2</sub> SO <sub>4</sub>						
Yes No		☐ Bacteriological							
☐ Analysis Requested?		☐ Air Bags	AFTER HOURS ONLY: COPIES OF COC TO LAB AREA(S)						
Sample ID matches COC?  Sample Date and Time mate	thes COC?	☐ EnCores / Methanol Pre-Preserved☐ Formaldehyde/Aldehyde	D NONE RECEIVED						
Container type completed or		Green-tagged containers	RECEIVED, COCs TO LAB(S)						
All container types indicated	are received?	Yellow/White-tagged 1L ambers (SV F	Prep-Lab)						
Sample Condition Summary		Notes							
N/A Yes No  Broken container	s/lids?								
Missing or incom									
Ullegible information		_							
Low volume rece			Blank not listed on COC  Delivered (Date/Time) ≤1 Hour Goal Met?						
	non-TriMatrix containers received? containers have headspace?	<u> </u>							
	ations / containers not listed on COC?	4.5.12 0815 4.5.1							
Log In Forms - Receiving.Log-In_Ch	ecklist		revision: 3.4						



## SAMPLE PRESERVATION VERIFICATION FORM

W E A B O II A I	0 11 12 0	page or	
Tech Caw		Work Order # 1204091	
Receipt Log # 43.10	Completed By (initials/date)	Project Chemist	

33282517			Adjusted by:		DO NOT ADJUST pH FOR THESE CONTAINER TYPES					
Container Type	5 / 23	4	13	<u> </u>	3	6	15			
Tag Color	Lt. Blue	Blue	Brown		Green	Red	Red Stripe			
Preservative	NaOH	H₂SO₄	H₂SO₄		None	HNO <sub>3</sub>	HNO <sub>3</sub>			
Expected pH	>12	<2/	<2		6-8⁄	<2/	<2 /			
COC Line #1						$\overline{}$				
COC Line #2										
COC Line #3										
COC Line #4										
COC Line #5										
COC Line #6										
COC Line #7										
COC Line #8										
COC Line #9										
COC Line #10										
Comments										

Ph Strip Lot #								
<b>Z</b>	HC133115							
$\supset$								

COC ID #			Adjusted by:		DO NOT ADJUST pH FOR THESE CONTAINER TYPES					
			Date:							
Container Type	5	4	13		3	6	15			
Tag Color	Lt. Blue	Blue	Brown	ł	Green	Red	Red Stripe			
Preservative	NaOH	H₂SO₄	H₂SO₄		None	HNO₃	HNO <sub>3</sub>			
Expected pH	>12	<2	<2		~7	<2	<2			
COC Line #1										
COC Line #2										
COC Line #3										
COC Line #4										
COC Line #5										
COC Line #6										
COC Line #7										
COC Line #8							•			
COC Line #9										
COC Line #10										

Container Size (mL)	Original Vol. of Preservative (mL)
Container Type 5	NaOH
500	2.5
1000	5.0
Container Type 4	H₂SO₄
125	0.5
250	1.0
500	2.0
1000	4.0
Container Type 13	H₂SO₄
500	2.5

Ref: LMH KNM

Date: 14Mar12 Wgt: 20.00 LBS SHIPPING: SPECIAL: HANDLING: 0.00 0.00 0.00 0.00

DV -

0.00 TOTAL:

Svcs: STANDARD OVERNIGHT Master 4953 7700 2210 TRCK: 4953 7700 2253

ORIGIN ID: GRRA (505) 222-9504 SID BRANDWEIN NEW MEXICO ENV. DEPT. 5500 SAN ANTONIO DR NE

SHIP DATE: 14MAR12 ACTWGT: 20.0 LB MAN CAD: 564091/CAFE2511

ALBUQUERQUE, NM 871094127 UNITED STATES US

BILL SENDER

TO SAMPLE MANAGEMENT GROUP
TRIMATRIX LABORATORIES
5560 CORPORATE EXCHANGE COURT SE

GRAND RAPIDS MI 495125503

(616) 975-4500 REF: LMH KNM

FedEx Express



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\$ 5560 Corporate Exchange Court SE Grand Rapids, MI 49512
Phone (616) 975-4500 Fax (616) 942-7463

**Chain of Custody Record** 

332825 人

COC No.

For Lab Use Only	•	LABORA	
Pho		TOR-ES	V T U X
Phone (616) 975-4500	Grand Rapids, I	5560 Corporate Ex	] } }
Fax (616) 942-7	s, MI 49512	change Court SE	• •

Phone (616) 975-4500

Chain of Custody Record

332825 └

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COC No.

Receipt Log No. 3.13 Sampler's Signature Work Order No. 1704705 Sampled By (print) Project Chemist Schedule \_isa Harvey MMED /HWB Matrix Code ≶ ≶ ≶ ≶ Sample Number Client Name
TechLaw Inc. Address 205 W. Wacker Drive, Suite 1622 City, State Zip Chicago, IL 60606 ಕ œ 7 G Çī Email: kwhitlock@techlawinc.com Phone/Cell: 312.345.8930; 217.721.5483 Sem 106 089- ] 4-680 701 106084- 7 106 089 - E 106 089-6-106 089- D 106089-C 106089 - B 106089-H Tracking No. How Shipped? Field Sample ID www.trimatrixlabs.com Hand Fax (616) 942-7463 Carrier Cooler ID Project Name KNM Contact/Report To Kim Whitlock Invoice To Client Project No. / P.O. No. 01.11 2 July 5 Sample Date 4  $\bigcirc$ Comments: 4MD. Std 10-BD; 15-DVP Sample Time Client Other (comments) ნ 2 დ ₹ ₹ E 2 ≶ ≶ ≶ ≶ W 0 Container Type (corresponds to Container Packing List) EDB-8011 VOC, TPH-GRO O Analyses Requested N y Number of Containers Submitted SVOC(AVA Alk-BC/T, CI, SO4 Ime റ Amm., NO3+NO2 တ Total Ca,Mg,K,Na,Pb 9 sulfide در TPH-DRO 5 Dissolved Fe,Mn Pg. Total در ري C W Sample Comments NONE pH-7 N HNO<sub>3</sub> pH<2 N H<sub>2</sub>SO<sub>4</sub> pH<2 N 1+1 HCl pH NaOH pH>12 Other (note below) PRESERVATIVES MeOH ZnAc/NaOH pH>9

SAMPLE RECEIVING / LOG-IN CHECKLIST

1/2

SAIVI	PLE RECE	IVING	/ LOG-I	IN CHE	JKL15	1 .					
	lient Teck	rlaw		New / A	Work Or add To	rder #: \ \ \ \ (	34705				
TRIMATRIX R	eceipt Record Page/Line #	3.12		Project Che		#s \\ \( \( \) \( \)					
[December (in Work (desc))		Qty Received	· T	1 1/1	iun (#202)	<u> </u>	<u> </u>				
1 ^ / <i>!</i>	☑ Cooler ☐ Box	Qiy Neceived	Thermomete		aun (#202) tal Thermomet	ter (#54)	See Addition	nal Cooler			
$\perp$ $\sim$ $\sim$ $\sim$ $\sim$ $\sim$	Other		Hemonete	Osed Dog		ici (#04)	Informatio	n Form			
Cooler# Time Cooler	# Time	•	Cooler #	Time		Cooler #	Tim	e			
Im 0336 1300											
Custody Seals: Custod	ly Seals:		Custody Seals	3:		Custody Seals:	7.				
	None	ŀ	□ Nor			☐ None					
	Present / Intact	ļ	I	esent / Intact	i	1 -	ent / Intact				
1 "	Present / Not Intact tocation:		Coolant Locat	esent / Not Intact		Coolant Locatio	ent / Not Intact				
	Dispersed / Top / Middle	/ Bottom	l .	sed / Top / Middle	/ Bottom		n. d / Top / Middle	e / Bottom			
1 ( / 11	t/Temperature Taken Vi	1	1	erature Taken Vi		Coolant/Tempe					
☐ Loose Ice / Avg 2-3 containers	Loose Ice / Avg 2-3 con	tainers	□ L∞	se Ice / Avg 2-3 con	ntainers	☐ Loose	lce / Avg 2-3 cor	ntainers			
Bagged Ice / Avg 2-3 containers	Bagged Ice / Avg 2-3 co	ntainers	☐ Bag	ged Ice / Avg 2-3 co	ontainers	☐ Bagge	ed Ice / Avg 2-3 co	ontainers			
☐ Blue Ice / Avg 2-3 containers	Blue Ice / Avg 2-3 conta	iners	☐ Blue	e Ice / Avg 2-3 conta	ainers	☐ Blue I	ce / Avg 2-3 conta	ainers			
☐ None / Avg 2-3 containers	None / Avg 2-3 containe	ers	□ Non	ne / Avg 2-3 containe	ers	☐ None	/ Avg 2-3 contain	ers			
	te Temperature Taken \		4	perature Taken		Alternate Temp					
	<ul><li>☐ Temperature Blank (</li><li>☐ 1 Container</li></ul>	(TB)	1 -	mperature Blank Container	(TB)	{	perature Blank	(TB)			
Correction	Correction			Correction		100	Correction	T			
Recorded °C Factor °C Actual °C Record	rded °C Factor °C	Actual °C	Recorded °C	Factor °C	Actual °C	Recorded °C	Factor °C	Actual °C			
Temp Blank: 2.1 Te	mp Blank:		Temp Blant	k:		Temp Blank:					
	on: Representative / Not Repre	sentative	TB location: Repre	esentative / Not Repre	esentative	TB location: Represe	entative / Not Repre	esentative			
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			1		ļ	1					
3 2.6 - 2.6 3			3			3	**	<del>                                     </del>			
Average °C	Average °C		-	Average °C			Average °C	;			
□ cooler ID on COC? 2.0 □ c	cooler ID on COC?		Cooler II	O on COC?		Cooler ID	on COC?				
VOC Trip Blank received?	OC Trip Blank received?	?	□ VOC Tri	p Blank received	?	□ VOC Trip	Blank received	?			
If <u>any</u> shaded areas ch	necked, complete	Sample R	eceiving No	n-Conforma	nce and/or	Inventory Fo	orm				
Paperwork Received		- 10	Check Sam	ple Preserva	tion						
Yes No			N/A Ye	s No							
Chain of Custody record(s)? If No, In	•			<b>***</b>	- '	emperature ≤6° C					
Received for Lab Signed/Date/Time?  Shipping document?				H104	•	ervation required? emist Approval In					
O Other					· -	d Non Con Cooler		ry Form?			
COC Information	The state of the s		Completed Sample Preservation Verification Form?								
TriMatrix COC D Other			Samples chemically preserved correctly?								
COC ID Numbers:	•	Ĭ.			lo", added orai						
			ں ،		eived pre-pres MeOH	served VOC soils?  Na <sub>2</sub> SO <sub>4</sub>					
Check COC for Accuracy		-	Check for SI	hort Hold-Tir							
Yes No			Bacterio	logical							
Analysis Requested?			☐ Air Bags		_		R HOURS ONL				
Sample ID matches COC? Sample Date and Time matches COC	27			<ul> <li>/ Methanol Pre ehyde/Aldehyde</li> </ul>	-Preserved	□ NONE RE	COC TO LAB	AUEN(2)			
Container type completed on COC?	<b>,</b> .			agged containers			OEIVED D, COCs TO LA	AB(S)			
All container types indicated are recei	ved?		/	Vhite-tagged 1L a	ımbers (SV Pr	<i>y</i>					
Sample Condition Summary		ı	Votes								
N/A Yes No											
Broken containers/lids?  Missing or incomplete labe	lo 2										
1000000					,						
Illegible information on labe		1	☐ Trip Blar	nk received	Trip Bla	ank not listed on C	сос				
Inappropriate or non-TriMa		, [		ed (Date/Time)		Delivered (Date/Ti		Goal Met?			
VOC vials / TOX container.	· · · · · · · · · · · · · · · · · · ·		4.11.12	ለዩንሊ	4.11.17	1 12/2	Yes	Nd			
Extra sample locations / co	mainers not listed on CC	JU?	-1 11 1C '	$\omega\omega\omega$	1 -1 11 11	<b>」(ひ)</b>	1				

SAMPLE RECEIVING / LOG-IN CHECKLIST 2/2

•		/ LOG-IN CHECKLIS	
	X Client Tech Lau	Work C	Order #: \201205
TRIMATRI	Becaint Record Page/Line # 0 10	New / Add To Project Chernist Sample	(45)
V LABORATORI	E S Receipt Record Page/Line # 3.13	MH	(1)
Recorded by (initials/date)	Cooler Qty Receive	IR Gun (#202)	
	Вох	Thermometer Used Digital Thermome	eter (#54) See Additional Cooler
1 1116 4-11-12	Other		Information Form
Cooler,# Time			) [
1 2000 1010 1	Cooler # Time	Cooler # Time	Cooler # Time
Custody Seals:	Custody Seals:	Custody Seals:	Custodi Socia
None	None		Custody Seals:
1 /= - I	-	None	None
	Present / Intact	Present / Intact	Present / Intact
Present / Not Intact  Coolant Location:	Present / Not Intact	Present / Not Intact	Present / Not Intact
Dispersed Top / Middle / Bottom	Coolant Location:	Coolant Location:	Coolant Location:
Coolant/Temperature Taken Via:	Dispersed / Top / Middle / Bottom	Dispersed / Top / Middle / Bottom	Dispersed / Top / Middle / Bottom
1 _ '	Coolant/Temperature Taken Via:	Coolant/Temperature Taken Via:	Coolant/Temperature Taken Via:
Loose Ice / Avg 2-3 containers	Loose Ice / Avg 2-3 containers	Loose Ice / Avg 2-3 containers	Loose Ice / Avg 2-3 containers
Bagged Ice / Avg 2-3 containers	Bagged Ice / Avg 2-3 containers	Bagged Ice / Avg 2-3 containers	Bagged Ice / Avg 2-3 containers
Blue Ice / Avg 2-3 containers	Blue Ice / Avg 2-3 containers	Blue Ice / Avg 2-3 containers	Blue Ice / Avg 2-3 containers
None / Avg 2-3 containers	None / Avg 2-3 containers	None / Avg 2-3 containers	None / Avg 2-3 containers
Alternate Temperature Taken Via:  Temperature Blank (TB)	Alternate Temperature Taken Via:  Temperature Blank (TB)	Alternate Temperature Taken Via:	Alternate Temperature Taken Via:
1 Container	☐ 1 Container	Temperature Blank (TB)	Temperature Blank (TB)
Correction		1 Container	1 Container
Recorded °C   Correction   Actual °C	Recorded °C   Correction   Actual °C	Recorded °C Correction Factor °C Actual °C	Recorded °C Correction Actual °C
Temp Blank: ~ 3.9	Temp Blank:	Temp Blank:	Temp Blank:
TB location: Representative / Not Representative	TB location: Representative / Not Representative	TB location: Representative / Not Representative	TB location: Representative / Not Representative
1 3.8 . 3.8	1	1	1
2 41 - 4.1	2	2	2
3 4.1 - 4.1	3	3	3
Average °C 4	Average °C	Average °C	Average °C
d gooler ib on coc?	Cooler ID on COC?	Cooler ID on COC?	Cooler ID on COC?
VOC Trip Blank received?	O VOC Trip Blank received?	□ VOC Trip Blank received?	O VOC Trip Blank received?
If <u>any</u> shaded a	reas checked, complete Sample F	leceiving Non-Conformance and/o	r Inventory Form
Paperwork Received		Check Sample Preservation	
Yes No		N/A Yes No	
Chain of Custody record(s)?	-	☐ Average sample t	emperature ≤6° C?
Received for Lab Signed/Da	te/Time?	☐ Was thermal pres	servation required?
Shipping document?		/_/ _	nemist Approval Intials:
COC Information		/_ /	d Non Con Cooler - Cont Inventory Form?
TriMatrix COC Other			le Preservation Verification Form?
COC ID Numbers:	, , , , , , , , , , , , , , , , , , ,		• •
1			served VOC soils?
]		☐ MeOH	□ Na <sub>2</sub> SO <sub>4</sub>
Check COC for Accuracy		Check for Short Hold-Time Prep/A	
Yes No		☐ Bacteriological	•
Analysis Requested?		☐ Air Bags	AFTER HOURS ONLY:
Sample ID matches COC?		☐ EnCores / Methanol Pre-Preserved	COPIES OF COC TO LAB AREA(S)
Sample Date and Time mate		☐ Formaldehyde/Aldehyde	☐ NONE RECEIVED
Container type completed on		Green-tagged containers	RECEIVED, COCs TO LAB(S)
All container types indicated	· · · · · · · · · · · · · · · · · · ·	Yellow/White-tagged 1L ambers (SV Pi	rep-Lab)
Sample Condition Summary		Notes	
N/A Yes No			
Broken containers  Missing or income			
Missing or incomp			
Low volume receiv		☐ Trip Blank received ☐ Trip Bl	ank not listed on COC
	on-TriMatrix containers received?		Delivered (Date/Time)   ≤1 Hour Goal Met?
O VOC vials / TOX o	containers have headspace?		
	tions / containers not listed on COC?	4.11.12 0820 4.11.1	7 1375 Yes (No)



Caw

Client

Receipt Log #

## SAMPLE PRESERVATION VERIFICATION FORM

page Work Order # Project Chemist

COC ID #	53282	5 K	Adjusted by:		DO NOT AD.	JUST pH FOR	THESE CONTA	INER TYPES
Container Type	5 / 23	4	13		3	6	15	
Tag Color	Lt. Blue	Blue	Brown		Green	Red	Red Stripe	
Preservative	NaOH	H₂SO₄	H₂SO₄		None	HNO <sub>3</sub>	HNO <sub>3</sub>	
Expected pH	>12	<2/	<2/		6-8/	<2/	<2/	
COC Line #1		<b></b>	/					
COC Line #2								
COC Line #3								
COC Line #4								
COC Line #5								
COC Line #6							****	
COC Line #7								
COC Line #8								
COC Line #9								
COC Line #10								
Comments				-				

Completed By (initials/date)

Ph Strip Lot #									
<u>~</u>	HC133115								
c									

COC ID#			Adjusted by:	 OO NOT AD	JUST pH FOR	THESE CONTA	INER TYPES
Container Type	5	4	13	3	6	15	
Tag Color	Lt. Blue	Blue	Brown	Green	Red	Red Stripe	
Preservative	NaOH	H₂SO₄	H₂SO₄	 None	HNO <sub>3</sub>	HNO <sub>3</sub>	
Expected pH	>12	<2	<2	~7	<2	<2	
COC Line #1							
COC Line #2				***			
COC Line #3							
COC Line #4	-	****			-	100	
COC Line #5							
COC Line #6							
COC Line #7				~			
COC Line #8		1,7,1		1			- 10
COC Line #9							K-PTMAPA-L.
COC Line #10	1						

Container Size (mL)	Original Vol. of Preservative (mL)
Container Type 5	NaOH
500	2.5
1000	5.0
Container Type 4	H₂SO₄
125	0.5
250	1.0
500	2.0
1000	4.0
Container Type 13	H₂SO₄
500	2.5

	T	F	7	۱N	1	L	/_	Π	R	21	>	(
TT	L	Α	В	0	R	Α	T	0	R	1	E	S

## SAMPLE PRESERVATION VERIFICATION FORM

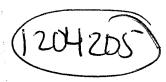
LABURAI	UNIES	page _	7-01/
Client Tech Law		Work Order #	1204705
Receipt Log # 3 - 13	Completed By (initials/date) 4 · 11 · 12	Project Chemist	NH

OC ID#	332825 L Adjusted by:		 DO NOT ADJ	ÚST pH FOR	THESE CONTA	INER TYPES	
Container Type	5/23	4	13	 3	6	15	
Tag Color	Lt. Blue	Blue	Brown	Green	Red	Red Stripe	
Preservative	NaOH	H₂SO₄	H₂SO₄	None	HNO₃	HNO <sub>3</sub>	
Expected pH	>12	<2/	<2/	6-8/	<2 /	<2/	
COC Line #1							
COC Line #2							
COC Line #3							
COC Line #4							
COC Line #5							
COC Line #6							
COC Line #7							
COC Line #8							
COC Line #9							
COC Line #10							

Ph Strip Lot # HC133115

OC ID #			Adjusted by:	DO NOT ADJUST pH FOR THESE CONTAINE			INER TYPES
Container Type	5	4	13	3	6	15	
Tag Color	Lt. Blue	Blue	Brown	Green	Red	Red Stripe	
Preservative	NaOH	H₂SO₄	H₂SO₄	None	HNO <sub>3</sub>	HNO <sub>3</sub>	
Expected pH	>12	<2	<2	~7	<2	<2	
COC Line #1							
COC Line #2							• • •
COC Line #3							
COC Line #4							
COC Line #5							
COC Line #6							
COC Line #7							
COC Line #8							
COC Line #9		·					
COC Line #10							

Container Size (mL)	Original Vol. of Preservative (mL)
Container Type 5	NaOH
500	2.5
1000	5.0
Container Type 4	H₂SO₄
125	0.5
250	1.0
500	2.0
1000	4.0
Container Type 13	H₂SO₄
500	2.5



Ref: LMH KNM

Dep:

Date: 14Mar12 Wgt: 20.00 LBS

SHIPPING: SPECIAL: HANDLING:

0.00 0.00

DV:

0.00 0.00

Svcs: STANDARD OVERNIGHT Master 4953 7700 2210 TRCK: 4953 7700 2286

ORIGIN ID: GRRA (505) 222-9504 SID BRANDWEIN NEW MEXICO ENV. DEPT. 5500 SAN ANTONIO DR NE

SHIP DATE: 14MAR12 ACTWGT: 20.0 LB MAN CAD: 564091/CAFE2511

ALBUQUERQUE, NM 871094127 UNITED STATES US

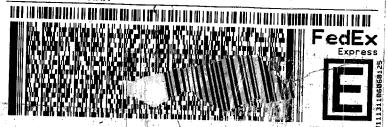
BILL SENDER

0.00 TCTAL:

TO SAMPLE MANAGEMENT GROUP TRIMATRIX LABORATORIES 5560 CORPORATE EXCHANGE COURT SE

GRAND RAPIDS MI 495125503

(616) 975-4500 **REF: LMH KNM** 



**CUSTODY SEAL** 

**Quality Environmental Containers** 800-255-3950 · 304-255-3900

Ref: LMH KNM Dep: Date: 14Mar 12 Wgt: 20.00 LBS

SHIPPING:

0.00 0.00 0.00

DV.

HANDLING:

Svcs: STANDARD OVERNIGHT Master 4953 7700 2210 TRCK: 4953 7700 2297

ORIGIN D: GRRA (505) 222-9504 SID BRANDWEIN NEW MEXICO ENV. DEPT. 5500 SAN ANTONIO DR NE SHIP DATE: 14MAR12 ACTWGT: 20.0 LB MAN CAD: 564091/CAFE2511

ALBUQUERQUE, NM 871094127 UNITED STATES US BILL SENDER

TO SAMPLE MANAGEMENT GROUP
TRIMATRIX LABORATORIES
5560 CORPORATE EXCHANGE COURT SE

GRAND RAPIDS MI 495125503

(616) 975-4500 **REF: LMH KNM** 



GUSTODY SEAL
DATE
SIGNATURE

Quality Environmental Containers 800-255-3950 • 304-255-3900

For Lab Use Only

# 5560 Corporate Exchange Court SE Grand Rapids, MI 49512

Phone (616) 975-4500 Fax (616) 942-7463

Chain of Custody Record COC No.

332825/1

Pg.

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Sampler's Signature Driven Sallen Sampled By (print) Work Order No. 1704329 Receipt Log No. Project Chemist Schedule .isa Harvey NMED/HWB ≶ ≶ ≶ ٤ Sample Number Client Name
TechLaw Inc. Address 205 W. Wacker Drive, Suite 1622 9 City, State Zip Chicago, IL 60606 Email: kwhitlock@techlawinc.com Phone/Cell: 312.345.8930; 217.721.5483 106058 E 106058 D 7 850901 106 058 B 4850901 106 058 0 106028 £ 106058 C 106058 A How Shipped? Tracking No. Field Sample ID www.trimatrixlabs.com Hand Carrier Cooler ID Project Name KNM Contact/Report To Kim Whitlock Client Project No. / P.O. No. Invoice To Sample Date Comments: 4MD. Std 10-BD; 15-DVP スジ Other (comments) < ≶ ≶ ≶ ≶ iV EDB-8011 Date VOC, TPH-GRO Analyses Requested رى svoc Alk-BC/T, CI, SO4 Amm., NO3+NO2 Total Ca,Mg,K,Na,Pb o Dissolved Fe,Mn Total CVD empty Sample Comments PRESERVATIVES
NONE pH-7
HNO<sub>3</sub> pH-2
H<sub>2</sub>SO<sub>4</sub> pH-2
1+1 HCl pH-2
NaOH pH>12 MeOH Other (note below) ZnAc/NaOH pH>9 134

## SAMPLE RECEIVING / LOG-IN CHECKLIST

•	MAIN EL REOLIVIAC	/ LOO-IN OTILOTELO	Order #: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
A TOMATO	x client Techlou		1704379
TRIMATRI	Parallet Branch Branch I and	Project Chemist Sampl	e#s
V V LABORATORT	E S Receipt Record Page/Line # 15.7	/W/7	())
Recorded by (initials/date)	Cooler Qty Receiv	ed IR Gun (#202)	
・	Box ,	Thermometer Used  Digital Thermom	eter (#54) See Additional Cooler
WC 4-18-12	Other	Other (#	Information Form
			Cooler# Time
Cooler# Time	Cooler # Time	Cooler # Time	Coolei #
Custody Seals:	Custody Seals:	Custody Seals:	Custody Seals:
		11	None
□ None □ Present / Intact	None  Researt / Integt		I
	Present / Intact		
Present / Not Intact	Present / Not Intact	Present / Not Intact	
Coolant Location:	Coolant Location:	Coolant Location:	Coolant Location:
Dispersed Top / Middle / Bottom	Dispersed / Top / Middle / Bottom	Dispersed / Top / Middle / Bottom	Dispersed / Top / Middle / Bottom
Coolant Temperature Taken Via:	Coolant/Temperature Taken Via:	Coolant/Temperature Taken Via:	Coolant/Temperature Taken Via:
Loose Ice / Avg 2-3 containers	Loose Ice / Avg 2-3 containers	Loose Ice / Avg 2-3 containers	Loose Ice / Avg 2-3 containers
☐ Bagged Ice / Avg 2-3 containers	Bagged Ice / Avg 2-3 containers	Bagged Ice / Avg 2-3 containers	Bagged Ice / Avg 2-3 containers
☐ Blue Ice / Avg 2-3 containers	☐ Blue Ice / Avg 2-3 containers	☐ Blue Ice / Avg 2-3 containers	Blue lice / Avg 2-3 containers
□ None / Avg 2-3 containers	None / Avg 2-3 containers	None / Avg 2-3 containers	None / Avg 2-3 containers
Alternate Temperature Taken Via:	Alternate Temperature Taken Via:	Alternate Temperature Taken Via:	Alternate Temperature Taken Via:
☐ Temperature Blank (TB)	Temperature Blank (TB)	Temperature Blank (TB)	Temperature Blank (TB)
1 Container	1 Container	1 Container	1 Container
Recorded °C Correction Factor °C Actual °C	Recorded °C Correction Factor °C Actual °C	Recorded °C   Correction   Actual °C	Recorded °C Correction Factor °C Actual °C
Temp Blank:	Temp Blank:	Temp Blank:	Temp Blank:  TB location: Representative / Not Representative
TB location: Representative / Not Representative	TB location: Representative / Not Representative	TB location: Representative / Not Representative	15 location. Representative 7 Not representative
1 5.7 - 5.7 2 4 6 - 4.6	2	2	3
3 4.7 - 4.7	3	3	3
Average °C	Average °C	Average °C	Average °C
Cooler ID on COC?	Cooler ID on COC?	Cooler ID on COC?	Cooler ID on COC?
□ VOC Trip Blank received?	□ VOC Trip Blank received?	□ VOC Trip Blank received?	□ VOC Trip Blank received?
lf <u>any</u> shaded a	reas checked, complete Sample l	Receiving Non-Conformance and/o	or Inventory Form
Paperwork Received		Check Sample Preservation	
Yes No	•	N/A Yes No	
Chain of Custody record(s)?	If No. Initiated By	Average sample	temperature ≤6° C?
Received for Lab Signed/Dat		☐ ☐ Was thermal pre	servation required?
☐ Shipping document?		If "No", Project C	Chemist Approval Intials:
Other		If "Yes" Complete	ed Non Con Cooler - Cont Inventory Form?
COC Information		Completed Samp	ole Preservation Verification Form?
✓ TriMatrix COC □ Other			ally preserved correctly?
COC ID Numbers:		If "No", added or	ange tag?
332825		Received pre-pre	eserved VOC soils?
		☐ MeOH	□ Na <sub>2</sub> SO <sub>4</sub>
Check COC for Accuracy		Check for Short Hold-Time Prep/A	Analyses
Yes No		☐ Bacteriological	
Analysis Requested?		☐ Air Bags	AFTER HOURS ONLY: COPIES OF COC TO LAB AREA(S)
Sample ID matches COC?		☐ EnCores / Methanol Pre-Preserved	<u> </u>
Sample Date and Time mater  Container type completed on		Formaldehyde/Aldehyde	NONE RECEIVED RECEIVED, COCs TO LAB(S)
All container types indicated		Green-tagged containers  Yellow/White-tagged 1L ambers (SV F	<del>/</del>
Sample Condition Summary	are received:	☐ Yellow/White-tagged 1L ambers (SV F	тер-сав)
N/A Yes No		Notes	
Broken containers	· · · · · · · · · · · · · · · · · · ·		
Missing or incomp			
Illegible information			
		☐ Trip Blank received ☐ Trip B	Blank not listed on COC
☐ Low volume receive	ved?		
			Delivered (Date/Time)  ≤1 Hour Goal Met?
Inappropriate or n	ved? on-TriMatrix containers received? containers have headspace?		A THE TAX OF THE PART OF THE P



## SAMPLE PRESERVATION VERIFICATION FORM

L A B O R A	TORIES	page of	
Client Tech law		Work Order # 1204329	
Receipt Log # 15.7	Completed By (initials/date) 4. 18.12	Project Chemist	

coc 1D# 3	32825	1	Adjusted by:		DO NOT AD.	JUST pH FOR	THESE CONTA	INER TYPES
Container Type	5 / 23	4	13		3	6	15	
Tag Color	Lt. Blue	Blue	Brown		Green	Red	Red Stripe	
Preservative	NaOH	H₂SO₄	H₂SO₄		None	HNO₃	HNO <sub>3</sub>	
Expected pH	>12	<2/	<2		6-8/	<2/	<2/	
COC Line #1							<b></b>	
COC Line #2								
COC Line #3								
COC Line #4								
COC Line #5								
COC Line #6								
COC Line #7								
COC Line #8						-		
COC Line #9	-			,	***			
COC Line #10								

Ph Strip Lot #

HC133115

COC ID#			Adjusted by:	· ·	DO NOT AD.	JUST pH FOR	THESE CONTA	INER TYPE
Container Type	5	4	13		3	6	15	<u> </u>
Tag Color	Lt. Blue	Blue	Brown		Green	Red	Red Stripe	
Preservative	NaOH	H₂SO₄	H₂SO₄		None	HNO <sub>3</sub>	HNO <sub>3</sub>	
Expected pH	>12	<2	<2		~7	<2	<2	
COC Line #1								
COC Line #2						, .		
COC Line #3								
COC Line #4								
COC Line #5			:					
COC Line #6								
COC Line #7								
COC Line #8								
COC Line #9								
COC Line #10								

Container Size (mL)	Original Vol. of Preservative (mL)
Container Type 5	NaOH
500	2.5
1000	5.0
Container Type 4	H₂SO₄
125	0.5
250	1.0
500	2.0
1000	4.0
Container Type 13	H₂SO₄
500	2.5

SHIPPING: SPECIAL: Dep: Wet: 20.00 LBS 0.00 HANDLING: Sves: STANDARD OVERNIGHT Mast \* er 4953 7700 210 ORIGIN ID: GRRA (505) 222-9504 SID BRANDWEIN NEW MEXICO ENV. DEPT. 5500 SAN ANTONIO DR NE AIP DATE: 14MAR12 ACTWGT: 20.0 LB MAN CAD: 564091/CAFE2511 ALBUQUERQUE, NM 871094127 UNITED STATES US BILL SENDER TO SAMPLE MANAGEMENT GROUP TRIMATRIX LABORATORIES 5560 CORPORATE EXCHANGE COURT SE GRAND RAPIDS MI 495125503 (616) 975-4500 REF: LMH: KNM ly Environmental Coniciners



For Lab Use Only

5560 Corporate Exchange Court SE Grand Rapids, MI 49512

Phone (616) 975-4500 Fax (616) 942-7463

www.trimatrixlabs.com

Chain of Custody Record COC No.

Analyses Requested

Pg.

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1 94 1/2

332918 A

NMET/HWB	Company	Sampler's Signature	-V-							>			8		Schedule Matrix Sample	HCH401	Work Order No.	Lisa Harvey	Hecelpt Log No. 27-7	DXIO 3460	
1. Received By	1. Relinquished By	Tracking No.	1? Hand	10	° 106053 I	° 106053 H	106053 F	. 106053 4	5 106 053 E	0 550 901 ·	° 106053 C	2 106053 B	· 106053 A		Field Sample ID	Email: kwhitlock@techlawinc.com	Phone/Cell: 312.345.8930; 217.721.5483	City, State ZIP Chicago, IL 60606	Address 205 W. Wacker Drive, Suite 1622		
Date Time	Date Time 15:30		Carrier V		4								4)24/12	Date	Cooler ID Sample	Kim Whitlock	Contact/Report To	Invoice To	Client Project No. / P.O. No	Project Name KNM	
2. Received By	2. Relinquished By		Comments: 4MD. Std 10		4 4 TAK:01	6							10:20 V W	Φ 2	Sample O R Matrix	ł		<ul><li>Client</li><li>Other (comments)</li></ul>	. / P.O. No.		
Date	Date		Std 10-BD; 15-DVP.									r	W		0	Container		B-80			>
0	6		ŊP.								ربر د	S		Z	1 2			OC, T	PH-G	RO	D A
Time	Time									<u>~</u>	•			Number of Containers Submitted			<b>├</b> ─		T, CI,	SO4	<b>├</b>
														Cont	4	(corresponds	An	nm., l	VO3+	NO2	ဂ
3. Received For Lab By	3. Relinquished By							)						ainers	0	ਰ	Tot	al Ca	Mg,K,	Na,Pb	В
d For	quished													Subm	9	ontain	-	fide			П
Lab By	Ву					دع								itted	12	er Pac		H-DI			O
$\mathcal{Q}$	>														15	Container Packing List)	Dis	solv	ed Fe	,Mn	₩
64	-					دز				_	2	5	3	-	Total	st)	<u> </u>	~			
Clo 4.25.12 0815	Date Time				,										San			E NaOH pH>12  F ZnAc/NaOH pH>9	C H <sub>2</sub> SO <sub>4</sub> pH<2	A NONE pH~7(1) B HNO <sub>3</sub> pH<2	A PRESERVATIVES

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560 Corporate Exchange Court SE Grand Rapids, MI 49512

# **Chain of Custody Record**

COC No.

332825(7

•						···		7				<del></del>		<del></del>	-		_					-1		
		Company NAEO	Sampler's Signature	Sampled by Min Salem							8	×	×	₩	-	Schedule Matrix	160	Work Order No.	Project Chemist Lisa Harvey	Superport of two.	7810 3410	VOA Back/Trav	Cart	For Lab Use Only
	14	2	3	3 · 5							Ó				1	x Sample	艺	5		27-	STE.	-		se Only
	えだ		, v	35	10	9	œ	7	o	رن ن	7	ω	2		ğ	p p p	上雪	- Ph	요요					
	1. Received By	1. Reinquished By		How Shipped? Hand Carrier		I 650901	106054 H	106054 6-	106054 £	106059 E	106024 D	106054 C	10605413	1060544		Field Sample ID	Email: kwhitlock@techlawinc.com	Phone/Cell: 312.345.8930; 217.721.5483	City, State Zip Chicago, IL 60606	205 W. Wacker Drive, Suite 1622	TechLaw Inc.	0.00	₹.	Phone (616) 975-4500 Fax (616
	Date	4-24-12		-												Cooler ID	Kim	Con	lnvo	Cie	KNM		∄,	Fax (616) 942-7463
	Time	13:30				*								9/24/12	Date	(0	Kim Whitlock	Contact/Report To	Invoice To	Client Project No. / P.O. No	KNM			හි
	2. Received By	2. Relinquished By	·	Comments: 4MD.		13:45	a-			-				13:30	ime	Sample			O Other (	/ P.C. No.				٠
	e.			MD. St		4								<	ω :	≥ D Ω			Client Other (comments)					
				Std 10-BD; 15-DVP		4-					8	٧	8	€	_	Matrix						L		
	Date	Date		; 15-DV						-			5	W		0 1 2 3 4 6 9 12 15	ontaine		B-80 C, TI		RO	A D		
ľ				סרָ								と			Numb	N	r Type (		ОС			>	Ana	<b>&gt;</b>
	Time	Time													Number of Containers Submitted	ω	corresp				SO4 NO2	+	Analyses Hequested	
	3. Recei	3. Reli							7	-DG					ntainer	6	onds to				Na,Pb	$\vdash$	He	J
ľ		3. Relinquished By													s Subm	9	Contain		fide			F	ques	ı
	ed For Lab By	Ву					بر								itted	12	er Packi		H-DF solve		Mn	D B	ted	· •
		-												_		Ω	ing List)	DIS		ure	,10111	L L		
-	4.72 Date	Oate					ىر		<u> </u>		_	ىر	2	W		Total	·L						Ģ	O C
\ \r \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Date Time 7.17 (%)5	Time											The second secon	i	000000000000000000000000000000000000000	Sample Comments				C H <sub>2</sub> SO <sub>4</sub> pH<2	A NONE pH~7	1 PRESERVATIONS		0,

TechLaw KNM 031412 COC.xls

### SAMPLE RECEIVING / LOG-IN CHECKLIST

.A. TOIMATOI	X Client Technou	Work O	rder#: 1204454					
TRIMATRI LABORATORI	E S Receipt Record Page/Line # 77.7	7 Project Chemist Sample	#s					
Recorded by (initials/date)	Cooler Qty Receive	ir Gun (#202)						
N 11 0- 10	Box 7	Thermometer Used  Digital Thermome	ter (#54) See Additional Cooler Information Form					
wc 4.25.12	Other	Other (#)						
Cooler# 7758 Time CO05	Cooler# 0124 Time 0930	Cooler # Time	Cooler # Time					
Custody Seals:	Custody Seals:	Custody Seals:	Custody Seals:					
None	None	None	None					
Present / Intact	Present / Intact	Present / Intact	Present / Intact					
Present / Not Intact	Present / Not Intact Coolant Location:	Present / Not Intact Coolant Location:	Present / Not Intact Coolant Location:					
Coolant Location:  Dispersed / Fop / Middle / Bottom	Dispersed / Top / Middle / Bottom	Dispersed / Top / Middle / Bottom	Dispersed / Top / Middle / Bottom					
Coolant/Temperature Taken Via:	Codant/Temperature Taken Via:	Coolant/Temperature Taken Via:	Coolant/Temperature Taken Via:					
Loose Ice / Avg 2-3 containers	Loose Ice / Avg 2-3 containers	Loose Ice / Avg 2-3 containers	Loose Ice / Avg 2-3 containers					
Bagged Ice / Avg 2-3 containers	Bagged Ice / Avg 2-3 containers	☐ Bagged Ice / Avg 2-3 containers	☐ Bagged Ice / Avg 2-3 containers					
Blue Ice / Avg 2-3 containers	Blue Ice / Avg 2-3 containers	Blue Ice / Avg 2-3 containers	Blue Ice / Avg 2-3 containers					
None / Avg 2-3 containers  Alternate Temperature Taken Via:	None / Avg 2-3 containers  Alternate Temperature Taken Via:	None / Avg 2-3 containers  Alternate Temperature Taken Via:	None / Avg 2-3 containers  Alternate Temperature Taken Via:					
Temperature Blank (TB)	Temperature Blank (TB)	Temperature Blank (TB)	Temperature Blank (TB)					
1 Container	1 Container	1 Container	☐ 1 Container					
Recorded °C Correction Factor °C Actual °C	Recorded °C Correction Factor °C Actual °C	Recorded °C Correction Factor °C Actual °C	Recorded °C Correction Factor °C Actual °C					
Temp Blank: - 2.7	Temp Blank: - 3.0	Temp Blank:	Temp Blank:					
TB location: Representative / Not Representative 1 3.8 - 3.8	TB location: Representative / Not Representative  1 3.6 - 3.6	TB location: Representative / Not Representative	TB location: Representative / Not Representative					
$\begin{bmatrix} 1 & 3 & 0 & - & 3 & 0 \\ 2 & 3 & 3 & - & 3 & 3 \end{bmatrix}$	2 4.7 - 4.7	2	2					
3 4.1 - 4.1	3 4.2 - 4.2	3	3					
Average °C 3.7	Average °C 4.2	Average °C	Average °C					
Cooler ID on COC?	2 300161 15 011 0001	Cooler ID on COC?  VOC Trip Blank received?	Cooler ID on COC?					
VOC Trip Blank received?	y tee the ball tee	Programme Agency Co.	VOC Trip Blank received?					
	reas checked, complete Sample F	Receiving Non-Conformance and/or	Inventory Form					
Paperwork Received  Yes No		Check Sample Preservation  N/A Yes No						
Chain of Custody record(s)?	If No, Initiated By	Average sample to	emperature ≤6° C?					
Received for Lab Signed/Da		□ Was thermal pres	ervation required?					
Shipping document?			emist Approval Intials:					
COC Information			I Non Con Cooler - Cont Inventory Form?  Preservation Verification Form?					
TriMatrix COC Other			ly preserved correctly?					
COC ID Numbers:	-	If "No", added ora	nge tag?					
		Received pre-pres						
Check COC for Accuracy		Check for Short Hold-Time Prep/Ar	Na <sub>2</sub> SO <sub>4</sub>					
Yes No		☐ Bacteriological						
Analysis Requested?		☐ Air Bags	AFTER HOURS ONLY: COPIES OF COC TO LAB AREA(S)					
Sample ID matches COC? Sample Date and Time match	thes COC?	☐ EnCores / Methanol Pre-Preserved☐ Formaldehyde/Aldehyde	O NONE RECEIVED					
Container type completed or		Green-tagged containers	RECEIVED, COCs TO LAB(S)					
All container types indicated		Yellow/White-tagged 1L ambers (SV Pr	ep-Lab)					
Sample Condition Summary		Notes						
N/A Yes No  Broken containers	s/lids?							
Missing or incomp								
Illegible information								
Low volume recei		Trip Blank received Trip Blank not listed on COC						
	on-TriMatrix containers received? containers have headspace?	Cooler Received (Date/Time) Paperwork Delivered (Date/Time) ≤1 Hour Goal Met?						
	tions / containers not listed on COC?	425-12 0815 4.25	12 0935 Yes (No)					



## SAMPLE PRESERVATION VERIFICATION FORM

LABORA	TORIES	page <u></u> of <u></u>	,
Client Techlaw		Work Order # 1204454	1
Receipt Log # 27.7	Completed By (initials/date)	Project Chemist	1

	33291	18	Date:	DO NOT ADS	UST PH FOR	THESE CONTAII	NEK I I PES
Container Type	5 / 23	4	13	3	6	15	
Tag Color	Lt. Blue	Blue	Brown	 Green	Red	Red Stripe	
Preservative	NaOH	H <sub>2</sub> SO <sub>4</sub>	H₂SO₄	None	HNO <sub>3</sub>	HNO <sub>3</sub>	
Expected pH	>12	<2/	<2	 6-8	<2/	<2/	
COC Line #1		<b>✓</b>		<b> </b>			
COC Line #2							
COC Line #3	-						
COC Line #4							
COC Line #5				 			
COC Line #6							
COC Line #7							
COC Line #8							
COC Line #9							
COC Line #10							
omments			.1,	 			

	Ph Strip Lot #
Ø	HC133115

COC ID#	32825	)	Adjusted by:	DO NOT AD.	JUST pH FOR	THESE CONTA	INER TYPES
Container Type	5	4	13	 3	6	15	
Tag Color	Lt. Blue	Blue	Brown	Green	Red	Red Stripe	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Preservative	NaOH	H₂SO₄	H₂SO₄	None	HNO₃	HNO₃	72
Expected pH	>12	<2/	<2	~7/	<2/	<2/	
COC Line #1		<b>/</b>			<b>/</b>		
COC Line #2							
COC Line #3							
COC Line #4							
COC Line #5							
COC Line #6							
COC Line #7							
COC Line #8							·-
COC Line #9							79-71-74-90-40-40-40-40-40-40-40-40-40-40-40-40-40
COC Line #10					·		
Comments				 ·			

Container Size (mL)	Original Vol. of Preservative (mL)
Container Type 5	NaOH
500	2.5
1000	5.0
Container Type 4	H₂SO₄
125	0.5
250	1.0
500	2.0
1000	4.0
Container Type 13	H₂SO₄
500	2.5

Ref. LMH KNM Date: 14Mar12 SHIPPING: Date: 14Mar12 0.00 Sef: LMH KNM SHIPPING: Dep: Wgt: 20.00 LBS SPECIAL: Wgt: 20.00 LBS Dep: SPECIAL: 0.00 HANDLING: 0.00 HANDLING: 0.00 TOTAL: DV: 0.00 TOTAL: 0.00 Svcs: STANDARD OVERNIGHT 4953 7700 2210 Master Svcs: STANDARD OVERNIGHT Master 4953 7700 2210 TRCK: 4953 7700 2210 TRCK: 4953 7700 2323 ORIGIN ID: GRRA (505) 222-9504 SHIP DATE: 14MAR12 ACTWGT: 20.0 LB MA CAD: 564091/CAFE25 ORIGIN ID: GRRA (505) 222-9504 SID BRANDWEIN NEW MEXICO ENV. DEPT. 5500 SAN ANTONIO DR NE SID BRANDWEIN NEW MEXICO ENV. DEPT. 5500 SAN ANTONIO DR NE SHIP DATE: 14MAR12 ACTWGT: 20.0 LB MAN CAD: 564091/CAFE2511 ALBUQUERQUE, NM 871094127 UNITED STATES US BILL SENDER ALBUQUERQUE, NM 871094127 UNITED STATES US BILL SENDER \*SAMPLE MANAGEMENT GROUP TO SAMPLE MANAGEMENT GROUP TRIMATRIX LABORATORIES TRIMATRIX LABORATORIES 5560 CORPORATE EXCHANGE COURT SE 5560 CORPORATE EXCHANGE COURT SE GRAND RAPIDS MI 495125503 GR, OND RAPIDS MI 495125503 (616) 975-4500 (616) (975-4500 REF: LMH KNM REF: LMH KNM  $\mathsf{FedEx}$ Express WED - 25 AP WED - 25 APR AT **FedEx** FedEx STANDARD OVERNIGHT TRK# 4953 7700 2210 TRK# 4953 7700 2323 49512 XX GRR GRA

